

SEQUENCE LISTING.

<110> Heinz, Ernst
 Girke, Thomas
 Scheffler, Jodi
 Da Costa e Silva, Oswaldo

<120> Plants expressing $\Delta 6$ -desaturase genes, PUFAS-containing oils from these plants, and a process for the preparation of unsaturated fatty acids

<130> 0093/000032

<140> US 10/019,048

<141> Filing date not yet granted

<150> PCT/EP00/006223

<151> 2000-07-04

<160> 2

<170> WordPerfect version 6.1

<210> 1

<211> 2012

<212> DNA

<213> Physcomitrella patens

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SEQUENCE PROTOCOL

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His Asn Lys Pro Ser Asp Cys Trp Ile Val Val Lys Asn Lys Val Tyr
 115 120 125

Asp Val Ser Asn Phe Ala Asp Glu His Pro Gly Gly Ser Val Ile Ser
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Thr Tyr Phe Gly Arg Asp Gly Thr Asp Val Phe Ser Ser Phe His Ala
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Ala Ser Thr Trp Lys Ile Leu Gln Asp Phe Tyr Ile Gly Asp Val Glu
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FOOTNOTES - 12201

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Pro Arg Val Glu Val Phe Cys Lys Lys His Gly Leu Val Tyr Glu Asp
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Val Ser Ile Ala Thr Gly Thr Cys Lys Val Leu Lys Ala Leu Lys Glu
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Val Ala Glu Ala Ala Ala Glu Gln His Ala Thr Thr Ser
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